

AMENDMENTS TO THE CLAIMS

Claims 1-33. (Canceled)

34. (Currently Amended) A chromatography measuring method comprising:

providing a biosensor having

(i) a development portion,

(ii) a ~~marker-label~~ reagent held in a first part of said development portion in a dry state, said ~~marker-label~~ reagent being elutable by an ~~inspection target solution including a measurement target~~ a test sample comprising an analyte, and

(iii) an immobilized reagent in a second part of said development portion,

wherein said ~~marker-label~~ reagent in said first part is a ~~marked material that can be specifically bonded~~ binds to said ~~measurement target~~ analyte in said ~~inspection target solution~~ test sample, and said immobilized reagent in said second part is a reagent that ~~can be specifically bonded~~ binds to said measurement target and said marker reagent once bonded to each other a complex comprising said analyte and the labeled reagent;

developing said ~~inspection target solution~~ test sample on said development portion;

using an optical detector to measure, in a ~~measurement area between~~ said first and second parts of said development portion that does not include said second part of said development portion, an amount of said ~~marker-label~~ reagent that has been eluted from said first part of said development portion;

~~of~~ using an optical detector to measure, in said second part of said development portion, an amount of said ~~marker~~ any label reagent that is ~~bonded~~ bound to said immobilized reagent in said second part of said development portion;

correcting the measured amount of said ~~marker-label~~ reagent that is ~~bonded as measured~~ bound to said immobilized reagent in said second part of said development portion, on the basis of a relationship between the measured amount of said ~~marker-label~~ reagent that has been eluted from the first part of said development portion as measured and a total amount of said

~~marker-label~~ reagent that was ~~held~~present in said first part of said development portion before the developing of said ~~inspection target solution~~application of said test sample; and

~~measuring~~calculating a concentration of said ~~measurement target~~analyte in said ~~inspection target solution~~test sample on the basis of the corrected amount of said ~~marker-label~~ reagent that is ~~bonded~~bound to said immobilized reagent in said second part of said development portion, as ~~corrected~~.

35. (Currently Amended) The chromatography measuring method according to claim 34, wherein

using an optical detector to measure the amount of said ~~marker-label~~ reagent that has been eluted from said first part of said development portion is performed prior to using an optical detector to measure the amount of said ~~marker-label~~ reagent that is ~~bonded~~bound to said immobilized reagent in said second part of said development portion.

36. (Currently Amended) The chromatography measuring method according to claim 34, wherein

using an optical detector to measure the amount of said ~~marker-label~~ reagent that has been eluted from said first part of said development portion comprises measuring said amount of said ~~marker-label~~ reagent, that has been eluted from said first part of said development portion, before said ~~inspection target solution~~test sample passes said second part of said development portion.

37. (Currently Amended) The chromatography measuring method according to claim 34, wherein

using an optical detector to measure the amount of said ~~marker-label~~ reagent that has been eluted from said first part of said development portion comprises measuring said amount of said ~~marker-label~~ reagent, that has been eluted from said first part of said development portion, before said ~~marker-label~~ reagent is ~~bonded~~binds to any immobilized reagent.

38. (Currently Amended) A chromatography measuring method comprising:
providing a biosensor having

(i) a development portion,

(ii) a marker-label reagent held in a first part of said development portion in a dry state, part of said marker-label reagent being elutable by an inspection target solution including a measurement target a test sample comprising an analyte, and

(iii) an immobilized reagent in a second part of said development portion,

wherein said marker-label reagent in said first part is a marked material that can be specifically bonded binds to said measurement target analyte in said inspection target solution test sample, and said immobilized reagent is a reagent that can be specifically bonded binds to said measurement target in and said marker reagent once bonded to each other a complex comprising said analyte and the labeled reagent;

developing said inspection target solution test sample on said development portion;

using an optical detector to measure, ~~on~~ in said second part of said development portion, an amount of said marker-label reagent so as to obtain an amount of said marker-label reagent that is bonded bound to said immobilized reagent in said second part of said development portion;

using an optical detector to measure, in a measurement area of said first part of said development portion, an amount of residual marker-label reagent that has not been eluted from said first part of said development portion by the developing of said inspection target solution test sample;

correcting the obtained amount of said marker-label reagent that is bonded as obtained bound to said immobilized reagent in said second part of said development portion, on the basis of a relationship between the measured amount of residual marker-label reagent that has not been eluted from said first part of said development portion as measured and a total amount of said marker-label reagent that was held present in said first part of said development portion before the developing application of said inspection target solution test sample; and

measuring calculating a concentration of said measurement target analyte in said inspection target solution test sample on the basis of the corrected amount of said marker-label reagent that is

~~bonded~~bound; to said immobilized reagent in said second part of said development portion, as corrected.

39. (Currently Amended) The chromatography measuring method according to claim 38, wherein

using an optical detector to measure the amount of residual ~~marker-label~~ reagent ~~that has not been eluted from said first part of said development portion is performed prior to using an optical detector to measure the amount of said~~ ~~marker-label~~ reagent so as to obtain the amount of said ~~marker-label~~ reagent ~~that is~~ bondedbound to said immobilized reagent in said second part of said development portion.

40. (Currently Amended) The chromatography measuring method according to claim 38, wherein

using an optical detector to measure the amount of residual ~~marker-label~~ reagent ~~that has not been eluted from said first part of said development portion comprises measuring said amount of said residual~~ ~~marker-label~~ reagent, ~~that has not been eluted from said first part of said development portion, before said~~ ~~marker-label~~ reagent, ~~that is eluted from said first part, becomes bonded to any immobilized reagent.~~

41. (Currently Amended) A chromatography measuring method comprising:
providing a biosensor having

(i) a development portion,

(ii) a ~~marker-label~~ reagent held in a first part of said development portion in a dry state, said ~~marker-label~~ reagent being elutable by an ~~inspection target solution including a measurement target~~ a test sample comprising an analyte, and

(iii) an immobilized reagent in a second part of said development portion,

wherein said ~~marker-label~~ reagent in said first part is a ~~marked material that can be~~ bondedbinds to and ~~reacted~~ reacts with said immobilized reagent while said ~~marked material-label~~

reagent is in said inspection target solution after having been eluted by said ~~inspection target solution~~test sample, and said immobilized reagent in said second part is a reagent with which said markerlabel reagent and ~~measurement target~~analyte competitively ~~bond~~bind;

developing said ~~inspection target solution~~test sample on said development portion;

using an optical detector to measure, in a measurement area between said first and second parts of said development portion that does not include said second part of said development portion, an amount of said markerlabel reagent ~~that has been eluted~~ from said first part of said development portion;

using an optical detector to measure, in said second part of said development portion, an amount of said markerlabel reagent ~~that is bonded~~bound to said immobilized reagent in said second part of said development portion;

correcting the measured amount of said markerlabel reagent bound to said immobilized reagent in said second part of said development portion ~~that is bonded as measured~~, on the basis of a relationship between the measured amount of said markerlabel reagent ~~that has been eluted as measured~~eluted from said first part of said development portion and a total amount of said markerlabel reagent ~~that was held present~~ in said first part of said development portion before the ~~developing application~~ of said ~~inspection target solution~~test sample; and

~~measuring~~calculating a concentration of said ~~measurement target~~analyte in said ~~inspection target solution~~test sample on the basis of the corrected amount of said markerlabel reagent ~~that is bonded~~bound to said immobilized reagent in said second part of said development portion, ~~as corrected~~.

42. (Currently Amended) The chromatography measuring method according to claim 41, wherein

using an optical detector to measure the amount of said markerlabel reagent ~~that has been eluted~~ from said first part of said development portion is performed prior to using an optical detector to measure the amount of said markerlabel reagent ~~that is bonded~~bound to said immobilized reagent in said second part of said development portion.

43. (Currently Amended) The chromatography measuring method according to claim 41, wherein

using an optical detector to measure the amount of said markerlabel reagent ~~that has been~~ eluted from said first part of said development portion comprises measuring said amount of said markerlabel reagent, ~~that has been eluted;~~ from said first part of said development portion, before said ~~inspection target solution~~ test sample passes said second part of said development portion.

44. (Currently Amended) The chromatography measuring method according to claim 41, wherein

using an optical detector to measure the amount of said markerlabel reagent ~~that has been~~ eluted from said first part of said development portion comprises measuring said amount of said markerlabel reagent, ~~that has been eluted from~~ said first part of said development portion, before said markerlabel reagent is ~~bonded~~ binds to any immobilized reagent.

45. (Currently Amended) A chromatography measuring method comprising:
providing a biosensor having:

(i) a development portion,

(ii) a markerlabel reagent held in a first part of said development portion in a dry state, part of said markerlabel reagent being elutable by an ~~inspection target solution~~ including a ~~measurement target~~ a test sample comprising an analyte, and

(iii) an immobilized reagent in a second part of said development portion,

wherein said markerlabel reagent in said first part is ~~a marked material that can be~~ ~~bonded~~ binds to and ~~reacted~~ reacts with said immobilized reagent while said ~~marked material~~ label reagent is in said ~~inspection target solution~~ test sample after having been eluted by said ~~inspection target solution~~ test sample, and said immobilized reagent is a reagent with which said markerlabel reagent and ~~measurement target~~ analyte can competitively ~~bond~~ bind;

developing said ~~inspection target solution on~~ test sample said development portion;

using an optical detector to measure, ~~on~~in said second part of said development portion, an amount of said ~~marker~~label reagent so as to obtain an amount of said ~~marker~~label reagent ~~that is bonded~~bound to said immobilized reagent ~~on~~in said second part of said development portion;

using an optical detector to measure, in a measurement area of said first part of said development portion, an amount of residual ~~marker~~label reagent ~~that has not been eluted from said first part of said development portion by performance of said development step;~~

correcting the obtained amount of said ~~marker~~label reagent bound to said immobilized reagent in said second part of said development portion ~~that is bonded as obtained,~~ on the basis of a relationship between the measured amount of residual ~~marker~~label reagent that has not been eluted from said first part of said development portion as measured and a total amount of said ~~marker~~label reagent ~~that was held present in said first part of said development portion before the developing application of said inspection target solution~~test sample; and

~~measuring~~calculating a concentration of said ~~measurement target~~analyte in said ~~inspection target solution~~test sample on the basis of the corrected amount of said ~~marker~~label reagent ~~that is bonded~~bound, to said immobilized reagent in said second part of said development portion, ~~as corrected.~~

46. (Currently Amended) The chromatography measuring method according to claim 45, wherein

using an optical detector to measure the amount of residual ~~marker~~label reagent ~~that has not been eluted from said first part of said development portion~~ is performed prior to using an optical detector to measure the amount of said ~~marker~~label reagent so as to obtain the amount of said ~~marker~~label reagent ~~that is bonded~~bound to said immobilized reagent ~~on~~in said second part of said development portion.

47. (Currently Amended) The chromatography measuring method according to claim 45, wherein

using an optical detector to measure the amount of residual ~~marker~~label reagent ~~that has not been eluted from said first part of said development portion comprises measuring said amount of said residual ~~marker~~label reagent, that has not been eluted from said first part of said development portion, before said ~~marker~~label reagent, that is eluted from said first part, becomes bonded to any immobilized reagent.~~